

New amphiphilic conjugate of starch or hydroxyethylstarch, useful as drug carrier, contain e.g. fatty acyl residues, are not taken up by the reticuloendothelial system

Publication number: DE10135694 (A1)

Publication date: 2003-02-06

Inventor(s): SOMMERMEYER KLAUS [DE]

Applicant(s): SUPRAMOL PARENTERAL COLLOIDS G [DE]

Classification:

- international: **A61K9/00; A61K47/36; B01F17/00; C07F9/10; C07J9/00; C08B31/00; C08B31/12; C08B31/18; A61K9/107; A61K9/127; A61K9/00; A61K47/36; B01F17/00; C07F9/00; C07J9/00; C08B31/00; A61K9/107; A61K9/127; (IPC1-7): C08B31/08; A61K9/107; A61K47/36; B01F17/00; B01J13/02; C07F9/10; C07J9/00; C08B33/04; C08B35/04; C08B37/06**

- European: **A61K9/00M5; A61K47/36; B01F17/00E; B01F17/00E2; B01F17/00K; B01F17/00K2; B01F17/00R; C07F9/10; C07J9/00; C08B31/00; C08B31/12; C08B31/18**

Application number: DE20011035694 20010721

Priority number(s): DE20011035694 20010721

Abstract of DE 10135694 (A1)

Amphiphilic (hydroxyethyl)starch conjugates (I) are new. Amphiphilic (hydroxyethyl)starch conjugates of formula (I) are new. B = (hydroxyethyl)starch, or its individual components, amylopectin or amylose, in soluble or hydroxyethylated form, attached through alpha -glycosidic bond; R₂ = hydrogen, 2-hydroxyethyl or B; R₁ and R₂ = hydrogen or 2-hydroxyethyl; R' = -C(A)-R''; R'' = -NH((CH₂)_x-NH)y-R'''; x = 0, 1 or 2; y = 0 or 1; A = oxygen or two hydrogens; R''' = -C(O)O-cholesteryl, fatty acid acyl or, where y = 0, phosphatidylethanolaminy.

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